

UNIVERSITY OF SARGODHA
DEPARTMENT OF MATHEMATICS

Class: MPhil-II (Mathematics)
Course Code: MATH-925
Submission Date: May 11, 2020

Course Title: Numerical Spline Techniques-II
Mid Term Examination (ZOOM)
Maximum Marks: 30

NOTE:

The students of this class is divided into (Two (boys)+four (Girls)) groups. Each group is assigned a topic. Submit the term paper (on any format e. g: pdf, or MS-Word) on email address (drmabbas.zoomclass@gmail.com) till May 11, 2020. Group will also present their topics in Zoom class after submitting the term paper. Every student will write/prepare his term paper separately. Copy-paste from any source (e.g., internet, book etc) is prohibited, use your own words and also avoid cheating (similar writing) from each other. In case of violation, strict action will be taken.

Group (A)			
	Name	Student ID	Assigned Topics
1	Bashir Nawaz	PMAF19M007	Exponential B-Spline Numerical Solution of a Singularly Perturbed Boundary value problems arising in Biology.
2	Allah Ditta	PMAF19M018	A new extended B-Spline approximation technique for second order singular Boundary value problems arising in physiology.
3	M. Shahzad	PMAF19M005	A new extended B-Spline approximation technique for Numerical Solution of a Singularly Perturbed Boundary value problems arising in Biology.
4	Ehsan zaka ullah	PMAF19M021	New Extended cubic B-Spline Approximation for solving a system of second-order boundary value problems
5	M.Umer	PMAF19M013	New cubic B-Spline Approximation for solving a system of second-order boundary value problems
6	Hameed ul allah	PMAF19M001	New Quartic B-spline Approximation for solving a system of second-order boundary value problems
Group (B)			
	Name	Student ID	Assigned Topics
1	M. Shawal	PMAF19M027	Cubic Trigonometric B-Spline for numerical solution of second order singular perturbed boundary value problem.
2	M. Kashif	PMAF19M037	New Quartic B-spline Approximation for numerical solution of Third Order Singular Boundary value Problems.

3	M. Basharat	PMAF19M020	New cubic B-spline Approximation for numerical solution of Third Order Singular Boundary value Problems.
4	M. Nadeem	PMAF19M016	New Quartic B-spline Approximation for second-order singular boundary value problems
5	Bilal Raza	PMAF19M029	Extended cubic B-spline method for solving a linear system of second-order boundary value problems
6	M. Asghar	PMAF19M026	

Material is available at:

1. <https://lms.su.edu.pk/lesson/586/week-08-b-spline-for-solving-class-of-singular-and-non-singular-problems>
2. <https://lms.su.edu.pk/lesson/586/week-18-final-term-exam>
3. <https://lms.su.edu.pk/lesson/586/week-09-mid-term-exam>